

Wednesday, May 27, 2015 8:14:34 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO28532 Receipt Dates from 5/27/2015 to 5/27/2015 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO28532	3		M174B0.250X4.000 f	f	6/3/2015	5/27/2015	24.0000	\$14.80	0.0000	0	\$355.10
CAD	No		17-4 SS Bar .250 X 4.00 m132389	f	24.0000	DCUSER	12x2	\$355.10	0.0000	0	
	5		M606T16T2.00W0.1 f	f	5/27/2015	5/27/2015	40.0000	\$1.91	0.0000	0	\$76.26
	No		25 606T6 RD TUBE f 2.00 X.125W m132389	f	40.0000	DCUSER		\$76.26	0.0000	0	
	6		71401-45		5/27/2015	5/27/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m132389		1.0000	DCUSER		\$0.00	0.0000	0	
Total Received Quantity:											65.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$431.36
Total Balance Due Quantity:											0.0000

12022

B I L L O F L A D I N G

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 935691  
Ship Date 22May15 at 14:07 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-806099- 1 Your PO # 28532  
Part # HRAP Cond A Rel #

STAINLESS STEEL FLAT BAR 17-4  
.250 X 4.00 X 144.000"

Heat Number  
256149

Tag No  
628823

Quantity  
24 FT

PCS  
2

Wt LBS  
87

Tags  
1

PCS  
2

LBS  
87

TOTAL:

Heat Number  
256149

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL GW. 105 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



## B I L L O F L A D I N G

No: PEC 935691

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 22May15 at 14:07 From PFW  
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Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE



54-223317

Date: 5/7/2014 To: THYSSENKRUPP MATERIALS NA INC SO#: A616128 Ln#: 1 PO#: 5400223317 Part: TM9300.254 Heat#: 256149 Tag: V3595701A

# Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM  
CERTIFIED BY LLOYD'S REGISTER

**CERTIFICATO DI COLLAUDO**  
**ABNAHMEPRUEFZEUGNIS**  
**INSPECTION CERTIFICATE**  
**CERTIFICAT DE RECEPTION**  
**EN 10204 (2004) , 3.1**

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliento / Baseller/Purchaser/Cient  
VALBRUNA STAINLESS INC.  
2400 TAYLOR STREET WEST  
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Usine producer

Avviso di Spedizione: D-VI13017478  
Lieferungsge/Packing list/B.L.

Ordine nr: 35957 P524642-423 EMJ  
Bestell/Your order/Commande

Certificato nr: MEST360454/2013/  
Prüfung/Test/Essai

Conferma ordine nr: EI13004712  
Works/Our Order/Ref. nr.

Marchio di Fabbrica:  
Zeichen des Lieferwerkes  
Trade mark  
Sigle de l'usine productrice



Stato di fornitura: Hot rolled Descaled COND. A Hot rolled  
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD  
Erschmelzungsart/Melting process/Mode elaboration

Punzone del Collaudatore:  
Stempel des Werkssachverständigen  
Inspector's stamp/Policeur de l'essayeur

Specifiche:  
Anforderungen / Requirements / Exigences

VSI FLAT-2-630 A  
AMS 5643 R S17400 A  
ASTM A564 2010 S17400 A

AISI 630  
ASME SA564 2010 S17400 A (0)  
ASTM F899 2012 630

AMS 2303 F.  
ASTM A370 2012A.

(0) SEC.II PT.A 2010 EDITION ADD. 2011a

Qualität: T-630 #511673

Werkstoff/Grade/Matériau

Marca: V174  
Markenbezeichnung  
Brand/Usine

Tolleranza: ASTM A484-11  
Tolérance/Allowance/Tolérance

Punzonatura: 630  
Kennzeichnung/Marking/Marquage

Pos. nr. Item nr. Nr. de poste	Oggetto Objet/Subject Description du produit	Dimensioni - In Abmessungen Dimension	Lunghezza - In Länge Longueur	Colata Schmelze Fusée	Pezzi Stückzahl Pièces	Peso - LB Gewicht Poids	Lotto nr. Lot nr. Lot nr.
0010	Flat	4,0000 x 0,2500	144 / 153	256149		1.715	201905370

## TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf Lieferbereitem produkt test a l'état de livraison Prueba sobre el material así como entregado

TEST	Provetta/Probe Specimen/Éprouvette Long. diam. Ø ext. Diam. Ø ext. Diam. Ø ext. Long. diam. Ø ext. mm	°F	Post. Saggio Position Emploi	Snervamento Bruchgrenze Yield Stress Limite élastique	Snervamento Bruchgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Tensile strength Résistance à traction	Allungamento Bruchdehnung Elongation Allongement	Strizione Einziehung Reduction of area Déformation	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max		-	-	-	-	-	-	363
A	20X6,3	68	L							346

TEST	min	max
A Delta Ferrite		5,0
A Grain size for ASTM E112		1,0 %
A RATINGS FREQUENCY		5
A RATINGS SEVERITY		0
		1,10
		1,05
		0

## Sample cond. H900

Sommario Riferimento											
Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Technique	Temperatura Temperature Temperatur	Raffreddamento Abkühlung Cooler Refrigeration	Permanenza Haltezeit Permanence Märchen	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Technique	Temperatura Temperature Temperatur	Raffreddamento Abkühlung Cooler Refrigeration	Permanenza Haltezeit Permanence Märchen	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Technique	Temperatura Temperature Temperatur	Raffreddamento Abkühlung Cooler Refrigeration	Permanenza Haltezeit Permanence Märchen
Aging	900 °F	AIR	80 -								
TEST	Provetta/Probe Specimen/Éprouvette Long. diam. Ø ext. Diam. Ø ext. Diam. Ø ext. Long. diam. Ø ext. mm	°F	Post. Saggio Position Emploi	Snervamento Bruchgrenze Yield Stress Limite élastique Rp 0,2% k.s.l.	Snervamento Bruchgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Tensile strength Résistance à traction Rm k.s.l.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Einziehung Reduction of area Déformation RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB	
	Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max		170	-	190	- 10	- 40	-	388 444	
B	12,5	68	L	186		202	16	54		431	

1) L=longitudinale/long, T=transversale/quer, O=Tangenziale/tangential

Mechanical properties according to ASTM A370.  
Delta Ferrite according to AMS 2315.

Vicenza, 11/06/13 VCO008 (Mod. MCE2)	il collaudatore di stabilimento / der Werkssachverständige / Works Inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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# Acciaierie Valbruna S.p.A.



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**CERTIFICATO DI COLLAUDO**  
**ABNAHMEPRUEFZEUGNIS**  
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**EN 10204 (2004) , 3.1**

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchase/Client

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Usine produce

Avviso di Spedizione: D-VI13017478

Lieferanweisung/Packing list/B.L.

Certificato nr: MEST380454/2013/

Prüfung/Inspection

Conferma ordine nr: EI13004712

Werk/Our Order/Ref. nr.

Marchio di Fabbrica:

Zeichen des Lieferwerkes

Trade mark

Signe de l'usine produce



Stato di fornitura: Hot rolled Descaled COND. A Hot rolled

Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD

Erstellungszustand/Manufacturing process/Mode d'elaboration

Purzone del Collaudatore:

Stempel des Werksachverständigen  
Inspector's stamp/Peignon de l'essayeur



## Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata Heat Schmelze/Coutée	min - max 0,070	1,00	1,00	15,00 17,00	0,50	3,00 5,00	3,00 5,00	-	-	0,040	0,030	0,050	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %	Ta %				
256149	0,034	0,33	0,70	15,27	0,30	3,28	4,66	0,059	0,027	0,001	0,034	0,0009				
Colata Heat Schmelze/Coutée	min 0,150 max 0,350	5°C 0,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nb%+Ta%	Cb(Nb)%														
256149	0,291	0,290														

Material solution annealed 1904F for 1 h,  
air cooled to below 90F.

Micro and macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind i. Anlage erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été fourni conforme aux exigences

Controllo antimiscelazione: OK  
Verwechslungsprüfung: spektralanalytisch durchgeführt  
Antimixing testing performed: OK  
Contrôle antimélange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze  
Besichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional check: satisfactory  
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s. 4.3 by TÜV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 11/06/13

VCO008  
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2



## B I L L O F L A D I N G

No: PEC 935575

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 22May15 at 9:46 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-806178- 1 Your PO # 28532 ADD ON

ALUMINUM TUBE 6061-T6511

2.00" OD x .125" WALL X 240.0000"

Heat Number

21755

Tag No

415700

Quantity

40 FT

PCS

2

Wt LBS

34

Tags

1

PCS

2

LBS

34

TOTAL:

Heat Number  
21755

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL GW. 62 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

B I L L O F L A D I N G  
No: PEC 935575  
Ship Date 22May15 at 9:46 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
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Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

=====

B I L L O F L A D I N G

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

# THYSSENKRUPP MATERIALS NA

## DART AEROSPACE

ALUMINUM TUBE 6061-T6511  
2.00" OD x .125" WALL X 240.0000"  
PART NO.

PO/R41 28532 ADD ON

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-935575-001

22 May 15

Pg 1/1

Signed by: 



### MILL TEST ASTM B221-12

TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

BILL TO THYSSENKRUPP MATERIALS, NA	Cert Code: 1	DIE NUMBER 0.89	DATE OF SHIPMENT 9/3/2013	EXTRUDEX ORDER NO. 160663 - 3	MANIFEST NO. 294030
SHIP TO THYSSENKRUPP MATERIALS, NA	CUSTOMER PO PEC-251011	ALLOY 6061	TEMPER T6511	MADE IN CANADA	
SO DESCRIPTION 2"x.125" TU	CUSTOMER PART NUMBER 18-120-2000	SALESMAN FORBES DODWELL		CERTIFICATION MILL TEST ASTM B221-12	

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Aug/30/13	44.1	39.5	11.20	90.1, 90.4, 90.6	

### Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 21755 6061	0.55	0.203	0.20	0.067	0.81	0.044	0.00	0.011	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 Remainder

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.



David Natale  
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST ASTM B221-12





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28532**

Purchase Order Date 5/20/2015

PO Print Date 5/21/2015

Page Number 1 of 3

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*REVISED*

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6S.063	6061-T6 .063 Sheet	5/27/2015 Yes 5/27/2015		288.00 ✓ sf	\$2.80	\$807.00
MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209							

Line Total: \$807.00

2	M6061T6B2.000X03.500	6061-T6 Bar 2.00 x 3.50	5/27/2015 Yes 5/27/2015		8.00 ✓ f	\$22.15	\$177.20
---	----------------------	-------------------------	-------------------------------	--	-------------	---------	----------

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

*SP15-05-25*

Line Total: \$177.20

Note:

5/21/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28532**

Purchase Order Date 5/20/2015

PO Print Date 5/21/2015

Page Number 2 of 3

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444

Ship To Contact  
Ship To Phone

Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

3	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	6/3/2015 Yes 6/3/2015	24.00 f	\$17.85	\$428.40
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MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643  
GRAIN MUST BE ALONG LENGTH OF BAR  
MINIMUM YIELD TENSILE STRENGTH = 100KSI  
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

Line Total: \$428.40

5	M6061T6T2.00W0.125	6061T6 RD TUBE 2.00 X.125W	5/27/2015 Yes 5/27/2015	40.00 f	\$2.30	\$92.00
---	--------------------	-------------------------------	-------------------------------	------------	--------	---------

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING  
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR  
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR  
ASTM B241

Line Total: \$92.00

Note:

5/21/2015

SP15-05-27





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28532**

Purchase Order Date 5/20/2015

PO Print Date 5/21/2015

Page Number 3 of 3

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB

Chantal Lavoie

FCA - (Free Carrier)

6	71401-45	PROCUREMENT QUALITY CLAUSES	5/27/2015	1.00	✓	\$0.00	\$0.00
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No

5/27/2015

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

SPS-527

Line Total: \$0.00

PO Total: \$1,504.60

u  
c2

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 2

Change Date: 5/21/2015



## Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Receiver Date

Purchase Order ID	Reference/ Description/ Certification Std	Vendor ID/ Name/ Currency Type	Line Nbr/ Insp Req	Project ID	PO U/M Stock U/M	Req Date	Req Qty	Recv Qty (PO U/M)/ Recv Emp/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Cost Per Unit/ Book Amt
receiver date PO28532	6/12/2015 71475-25	VC-COP001 Thyssenkrupp Materials CA Ltd CAD	8 No		Each	6/15/2015	40.0000	40.0000 DCUSER \$0.00	0.0000 0.0000	0 0	\$0.00 \$0.00
	132389						(20x2) pcs.				
								Total Received Quantity:			40.0000
								Total Quantity to Inspect (PO U/M):			0.0000
								Total Reject Quantity:			0.0000
								Total Receipt Value:			\$0.00



## B I L L O F L A D I N G

No: VIM 455302

Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 11Jun15 at 21:52 From VFW  
Probill  
Via VIM DELIVERY RUSH \*\*  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

① Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-813454- 1 Your PO # 28532 REPLACEMENT N/C

ALUMINUM TUBE 6061-T6511

2.00" OD x .125" WALL X 240.0000"

	Heat Number	Tag No	Quantity	PCS	Wt LBS
PLASTIC#1	R-550404928	315472	40 FT	2 ✓	34

TOTAL:	Tags 1	PCS 2	LBS 34
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Heat Number  
404928

\*\*\* Chemical Analysis \*\*\*

\*\*\* REPLACEMENT FROM PEC 935575 NCR 15-5062 \*\*\*\*\*  
CENTER OFFSET FROM END .100 AND .135" \*\*\*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00  
SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\* POUR VOS BESOINS D'ACIER INOXYDABLE,  
\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



## B I L L O F L A D I N G

No: VIM 455302

Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 11Jun15 at 21:52 From VFW  
Probill  
Via VIM DELIVERY RUSH \*\*  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\* FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

\*\*\* WE HAVE IT! \*\*\* TEL. 800-926-2600 \*\*\*

\*\*\*\*\*

NOS HEURES DE CUEILLETTE SONT DU LUNDI AU VENDREDI  
DE 8H30 A 12H00 ET DE 13H00 A 16H30.

CUSTOMER PICK-UP HOURS ARE MONDAY TO FRIDAY  
FROM 8:30 AM TO NOON AND 1:00 PM TO 4:30 PM.

\*\*\*\*\*

NOUS SERONS FERMES VENDREDI LE 3 JUILLET/15 POUR  
LA FETE DU CANADA ET SERONS OUVERTES MERCREDI LE  
1 JUILLET/15 AFIN DE MIEUX VOUS SERVIR.

WE WILL BE CLOSED ON FRIDAY, JULY 3/15 FOR CANADA  
DAY AND WILL BE OPENED ON WED., JULY 1/15 IN ORDER  
TO SERVE YOU BETTER.

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM TUBE 6061-T6511  
2.00" OD X 1.25" WALL X 240.0000"  
PART NO.

PO/Ref: 28532 REPLACEMENT N/C

Nous certifions que le document reproduit ici est  
une copie conforme du rapport fourni par le  
fournisseur du matériel ou les données résultent

## Certificate of Mill Test Results

BL VIM-455302-001

11Jun15

Pg 1/1

de l'analyse faite par un laboratoire qualifié.  
SIGNE PAR: LUCY TRUGLIO



**LB ALUMINIUM BERHAD**  
(138535-V)



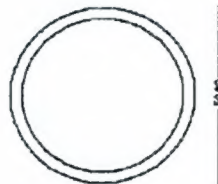
ALUMINIUM EXTRUSION

### TEST CERTIFICATE

CUSTOMER : THYSSENKRUPP MATERIALS NA	SECTION NO. : PE02418MF06100	DATE : Apr-11-2014
SALES ORDER NO : 1409540	WORK ORDER : 404928	ALLOY : 6061-T6511
PRESS NO. : 2000	EXTRUSION DATE : Mar-31-2014	CERTIFICATE NO. : MCERT1403599
CUSTOMER PO NO. : PEC-256908		

Section Sketch :

JM  
15-6-21



Thickness = 3.18 mm

CHEMICAL COMPOSITION										
Composition	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Analysis Ref.-
Min	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	Remainder	E4B0019A Feb-23-2014
Max	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15		
Actual	0.660	0.150	0.210	0.090	0.920	0.090	0.010	0.010		

MECHANICAL PROPERTIES ( Result shown is tested by LBALUM )			
	Tensile Strength N/mm <sup>2</sup>	Yield Stress N/mm <sup>2</sup>	Elongation ( % )
Standard	260	240	8
Result	287.32	248.95	12.81

Compliance with ASTM B221M-07

We hereby certify that the material covered by this report has been verified or tested according to the seller standard sampling method or the requirements of any specifications or requirements described herein, and that sample representative of the material met the composition limits and has the mechanical properties shown. Also, note that mercury is not a normal constituent in aluminum alloys. Neither mercury nor any of its compounds are used in the manufacture of our extrusion. This certificate conforms to 3.1, EN 10204

\*\*\* This certificate of Analysis has been produced electronically and is valid without signature \*\*\*

Lot 11, Jalan Perusahaan 1, Kawasan Perusahaan Beranang, 43700 Beranang, Selangor Darul Ehsan, Malaysia.  
Tel: 603-8723 8822 (15 Lines) Fax: 603-8723 3191 (General), 8723 7272 (Sales), 8727 1218 (Export)  
Enquiry@lbalum.com.my www.lbalum.com



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*OUTSTANDING PO REPRINT\*\*\*

Purchase Order ID PO28532

Purchase Order Date 5/20/2015

PO Print Date 6/10/2015

Page Number 1 of 1

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX  
4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270  
ABERD  
EEN  
HAWKE  
SBURY,  
ON  
K6A  
1K7  
CANAD  
A

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Vendor Fax	905 738 9033	Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
		FOB	FCA - (Free Carrier)
Ship Method	VENDOR'S TRUCK		
Ship Acct			

Line Nbr	Item ID Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
8	71475-25	M6061T6ROUND TUBING 2" X .125" WALL	6/15/2015 Yes	40.00 Each	\$0.00
	NO CHARGE REPLACEMENT MATERIAL USE SAME BATCH # M132389				
	MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241				

Line Total: \$0.00

Outstanding PO Total: \$0.00

Change Nbr: 3

Change Date: 6/10/2015

Terms & Condition of  
Purchasing(Suppliers) and  
Procurement Quality Clauses are an  
integral part of our AS9100